

**AMENDMENT TRANSMITTAL LETTER (Small Entity)**

Applicant(s): M. Sale

Docket No.

MS1US

Application No.

09/878,686

Filing Date

11 June 2001

Examiner

K. Thangavelu

Customer No.

Group Art Unit

2123

Confirmation No.

2043

Invention: UNSUPERVISED MACHINE LEARNING-BASED MATHEMATICAL MODEL SELECTION

MAR 24 2005

**COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

☒ Applicant claims small entity status. See 37 CFR 1.27

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	26 -	26 =	0	x \$25.00	\$0.00
INDEP. CLAIMS	9 -	9 =	0	x \$100.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

☐ No additional fee is required for amendment.☐ Please charge Deposit Account No.

in the amount of

☐ A check in the amount of to cover the filing fee is enclosed.☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. the credit card indicated☒ Any additional filing fees required under 37 C.F.R. 1.16.☒ Any patent application processing fees under 37 CFR 1.17.on the attached PTO-2038 form.☒ Payment by credit card. Form PTO-2038 is attached.**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**Elaine Sale

Signature

Dated:

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

21 March 2005

(Date)

Elaine Sale

Signature of Person Mailing Correspondence

Elaine Sale

Typed or Printed Name of Person Mailing Correspondence

CC:



<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/878,686	
	Filing Date	11 June 2001	
	First Named Inventor	Mark Sale	
	Art Unit	2123	
	Examiner Name	K. Thangavelu	
Total Number of Pages in This Submission		Attorney Docket Number	MS1US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply 39 pg.	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request 1 pg.	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Credit Card Payment Form 1 pg
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Amendment Transmittal letter 1 pg
<input type="checkbox"/> Certified Copy of Priority Document(s)		Acknowledgement Postcard
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		Certificate of Mailing - 1 pg.
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		Appendices A-J-138p.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Elaine Sale Reg. 41,286
Signature	<i>Elaine Sale</i>
Date	21 March 2005

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the			
Typed or printed name	Elaine Sale		
Signature	<i>Elaine Sale</i>	Date	21 March 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s): Mark Sale

Docket No.

MS1US

Application No.

09/878,686

Filing Date

11 June 2001

Examiner

K. Thangavelu

Customer No.

Group Art Unit

2123

Invention: UNSUPERVISED MACHNE LEARNING-BASED MATHEMATICAL MODEL SELECTION

I hereby certify that this Credit Card Payment Form

(Identify type of correspondence)

is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

21 March 2005

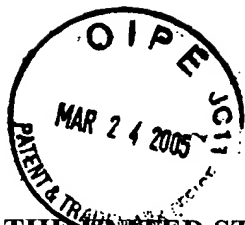
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Elaine Sale

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

**Note: Each paper must have its own certificate of mailing.**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. 09/878,686 Art Unit: 2123  
Applicant: M. Sale Examiner: K. Thangavelu  
Date Filed: June 11, 2001 Conf. No. 2043  
Docket No. MS1US Cust. No.  
Title: UNSUPERVISED MACHINE LEARNING-BASED MATHEMATICAL  
MODEL SELECTION

\*\*\*\*\*

**CERTIFICATION UNDER 37 CFR § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class main in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450" on the date set forth below.

March 21, 2005  
Date of Signature and of facsimile

*Elaine Sale*  
Elaine Sale

\*\*\*\*\*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

In response to the non-final Office Action dated *November 19, 2004* (hereinafter "Office Action") for which a response is due February 19, 2005, the time for response for which is extended by one month to March 19, 2005 (which falls on a Saturday) by petition herewith, please amend the above-identified application as follows:

**Amendments to the Specification** begin on *page 2* of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on *page 9* of this paper.

**Remarks/Arguments** begin on *page 19* of this paper.